

Model SW 282

Description: alloy for welding stainless steel to carbon steels, steels difficult to solder, spring steels and tools.

Applications: joining steels for tools, die cutting tools, springs, reconstruction of shafts, pinions, gears, punches and pressing materials, equipment for the chemical, cement and mining industries and for nuclear plants.

Features:

- Breakage load: 800-850N/mm² (80-85kg/mm²).
- Elastic limit: 600-700N/mm² (60-70kg/mm²).
- Stretching: L=5d 20%.
- Hardness: 300Hb.

Welding current: alternating/direct electrode(+).

Welding intensity: diameter 1.5 > 30-40A/ 2.0 > 40-60A/ 2.5 > 60-80A / 3.25 > 80-120A / 4.0 > 100-130A.

Welding positions: all positions.